



NTSB National Transportation Safety Board

Federal Most Wanted Transportation Safety Improvements

**Prevent Medically Unqualified
Drivers from Operating
Commercial Vehicles**

Safety Improvements Wanted

Develop comprehensive medical oversight program that addresses:

- Examiner qualifications
- Adequacy of regulations
- Non-regulatory guidance
- Review process
- Tracking mechanisms
- Enforcement and Reporting

H-01-17 through H-01-24



FMCSA Actions Needed

- Tracking mechanism **H-01-18**
- Review process **H-01-21**
- Reporting system **H-01-24**



FMCSA Actions

- November 2008 – NPRM on National Registry of Certified Medical Examiners
H-01-17
- December 2008 – Final rule requiring medical certification documentation
H-01-22 and -23
- FMCSA Medical Officer



Prevent Medically Unqualified Drivers from Operating Commercial Vehicles

Proposed Safety Board Action

- Keep issue area on Most Wanted List
- H-01-17 to Open – Acceptable Response
- H-01-22 and -23 to Closed – Acceptable Action
- Change to yellow: Acceptable, progressing slowly

Timeliness Designation

Yellow





NTSB National Transportation Safety Board

Federal Most Wanted Transportation Safety Improvements

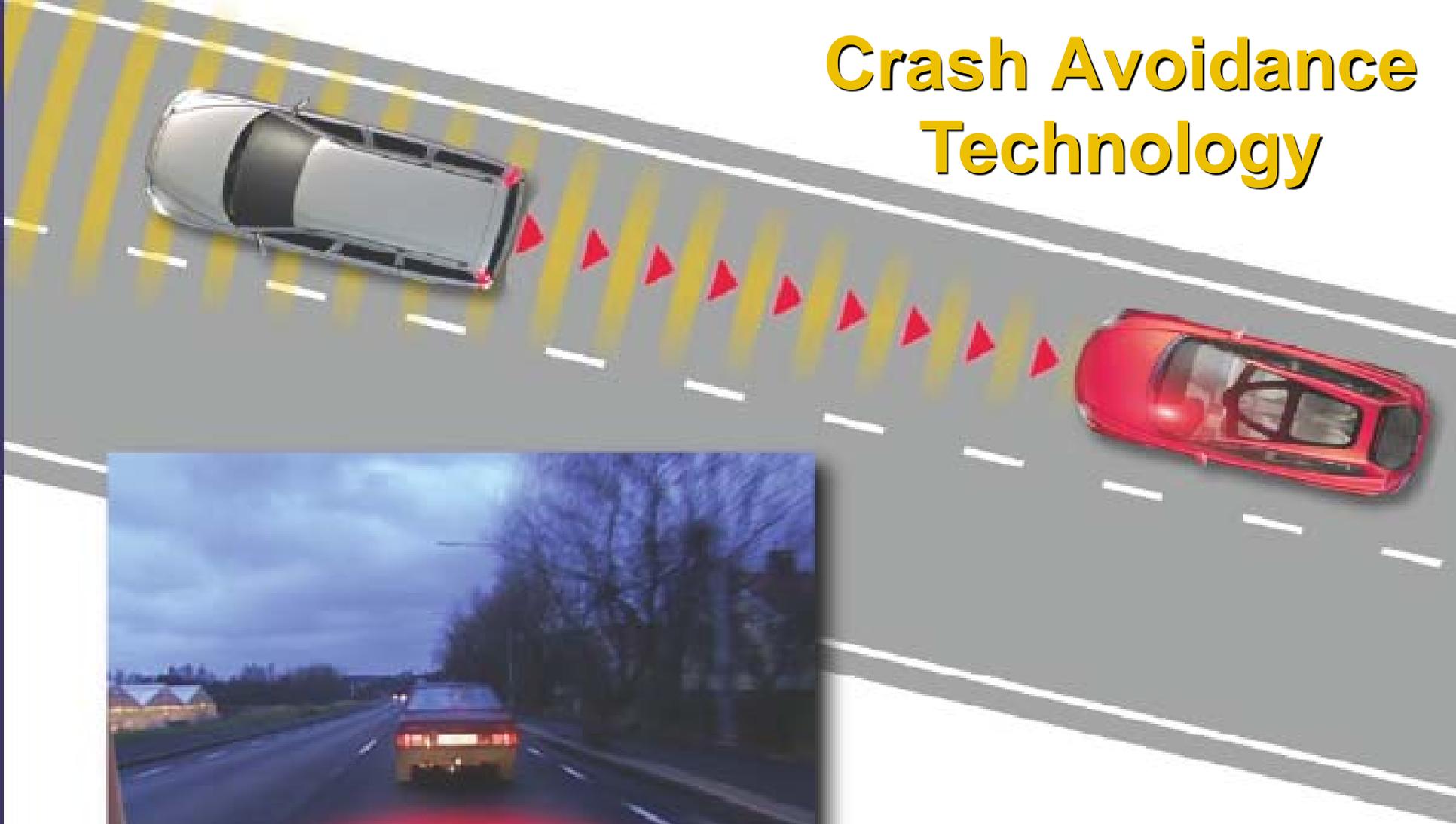
**Prevent Collisions by Using
Enhanced Vehicle Safety
Technology**

Safety Improvements Wanted

- Complete rulemaking on adaptive cruise control and collision warning system performance standards for new commercial vehicles (**H-01-6**) and passenger vehicles (**H-01-8**) addressing obstacle detection, timing of alerts, and human factors guidelines, such as the mode and type of warning.

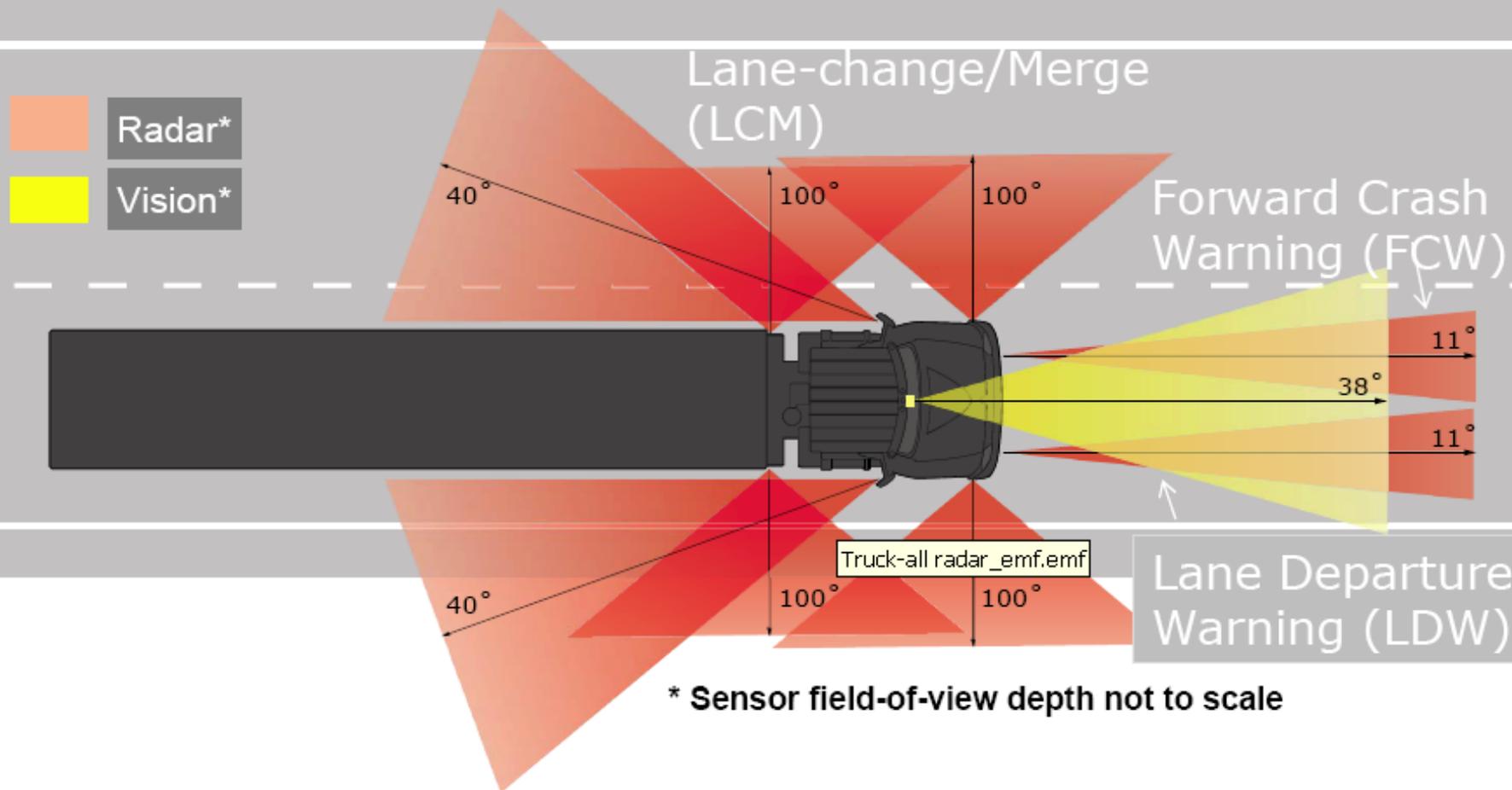


Crash Avoidance Technology





Integrated Safety System



NHTSA Actions

2005/2007: Positive results from passenger car and commercial truck field testing

2005-2008: IVBSS research and prototype vehicle development

2008-2009: IVBSS field operational testing of passenger car and commercial truck prototypes

July 2008: NHTSA includes crash avoidance technologies in NCAP ratings



NHTSA Actions

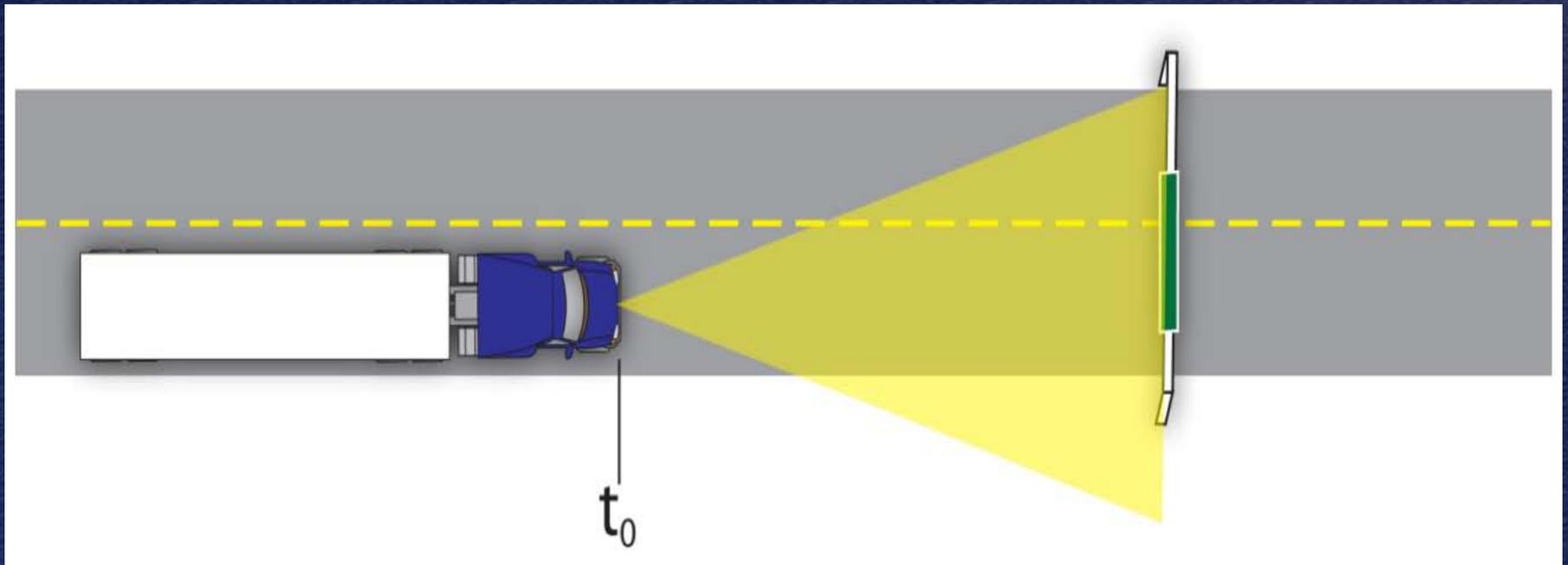
2009/2010: Additional IVBSS field operational testing of light vehicle and commercial truck prototypes

2009/2010: Monitor real-world benefits of CWS and ACC on truck fleets



NTSB MOST WANTED

Transportation Safety Improvements



NHTSA Actions

2009/2010: Crash imminent braking research

2011: Rulemaking decisions for both cars and trucks on collision imminent braking



Prevent Collisions with Enhanced Vehicle Safety Technology

Proposed Safety Board Action

- Keep issue area on Most Wanted List
- Keep yellow designation: Acceptable response, progressing slowly

Timeliness Designation

Yellow





NTSB National Transportation Safety Board

Federal Most Wanted Transportation Safety Improvements

**Prohibit the Use of Cellular
Telephones**

NTSB MOST WANTED

Transportation Safety Improvements

2000 Prevest Motorcoach



Restricted Clearance Signs



NTSB Recommendation

Publish regulations prohibiting cellular telephone use by commercial driver's license holders with a passenger-carrying or school bus endorsement, while driving under the authority of that endorsement, except in emergencies.

H-06-27



FMCSA Actions

- Study of benefits of restricting use of cell phones for drivers of passenger CMV's
 - Virginia Tech Transportation Institute
 - Study completed end of CY 2009
- Distracted driver summit proposed rulemaking
 - Banning texting messaging
 - Restrict the use of cell phones by truck and interstate bus operators
 - Disqualifying school bus drivers convicted of texting while driving from CDL



FMCSA Actions

- DOT Motorcoach Action Plan
 - Departmental review of motorcoach safety
 - Restrict the use of cell phones and PDAs by drivers of passenger-carrying CMVs, except in emergencies
- FMCSA NPRMs
 - “Text messaging” spring 2010
 - Second, broader NPRM to follow



Prohibit Cell Phone Use by Motorcoach Drivers

Proposed Safety Board Action

- Keep issue area on Most Wanted List
- Change to yellow designation: Acceptable response – progressing slowly

Timeliness Designation

Yellow





NTSB National Transportation Safety Board

Federal Most Wanted Transportation Safety Improvements

**Reduce Pipeline Accidents
Caused by Human Fatigue**

Pipeline

- **P-99-12**
- 2005 Advisory Bulletin
- 2009 Final Rule addresses controller fatigue issues



PHMSA Rule

- Requires pipeline operators to:
 - Establish shift schedules that provide off-duty time to achieve 8 hours of continuous sleep
 - Educate controllers and supervisors in fatigue mitigation strategies, and in recognizing the effects of fatigue
 - Set a maximum limit on hours-of-service



Pipeline Fatigue

Proposed Safety Board Action

- Classify issue “Closed—Acceptable Alternate Action”
- Remove issue area from Most Wanted List

